including a drive configured to displace a follower of the reservoir magazine toward the outlet end of the reservoir dispenser;

a filling station in the packaging compartment including a filling nozzle coupled to the mixing circuit and a reservoir volume sensing assembly;

a sealing station in the packaging compartment;

at least one reservoir hanger in the packaging compartment;

a labeler in the packaging compartment; and

an output chute from the packaging compartment to an exterior of the enclosure.

24. The system of claim **23**, wherein the system further comprises at least one of a reverse osmosis unit and an ultrafilter.

25. The system of claim **23**, wherein the concentrate source is a reservoir of a crystalline salt concentrate.

26. The system of claim **23**, wherein the antechamber includes at least one gloved interface.

27. The system of claim **23**, wherein the antechamber and packaging compartment are separated by a partition including at least one door between the antechamber and the packaging compartment.

28. The system of claim **23**, wherein the system further comprises a robotic arm including a gripper.

29. The system of claim **28**, wherein the system further comprises a robotic manipulator and a control system configured to displace the robotic manipulator to collect a reservoir from the reservoir dispenser, displace the reservoir to the fill station, determine a volume of the reservoir via data from the reservoir volume sensing assembly, command filling of the reservoir with a volume of fluid no greater than the volume of the reservoir, displace the reservoir to the sealing station, and command sealing of the reservoir.

30. The system of claim **23**, wherein the reservoir volume sensing assembly comprises a set of reservoir characteristic sensors.

31. The system of claim **30**, wherein the control system is configured to govern operation of at least one flow controller based on a capacity of the reservoir determined based on the data from the reservoir characteristic sensors.

32. The system of claim **30**, wherein the control system is configured to govern operation of the at least one flow controller to deliver a volume of a concentrate to the reservoir and a subsequent volume of purified water to the reservoir to achieve a fill volume selected based on a capacity of the reservoir determined based on the data from the reservoir characteristic sensors.

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